



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER

09/899,634

FILING/RECEIPT DATE

07/05/2001

FIRST NAMED APPLICANT

Thomas Buehler

ATTORNEY DOCKET NUMBER

4-31499A

CONFIRMATION NO. 5159

FORMALITIES LETTER



OC000000006838551

001085
THOMAS HOXIE
NOVARTIS CORPORATION
PATENT AND TRADEMARK DEPT
564 MORRIS AVENUE
SUMMIT, NJ 079011027

Date Mailed: 10/03/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).


- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

12/05/2001 SDEHE001 00000053 190134 09899634
01 FC:105 130.00 CH

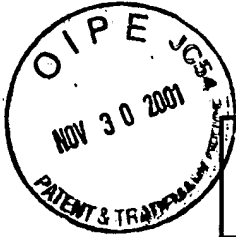
A copy of this notice MUST be returned with the reply.



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



CASE 4-31499A

FILING BY "EXPRESS MAIL" UNDER 37 CFR 1.10

EL 820011579 US
Express Mail Label Number

11/30/01
Date of Deposit

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Art Unit: 1651

BUEHLER ET AL.

APPLICATION NO: 09/899,634

FILED: JULY 5, 2001

FOR: PCAR AND ITS USES

7

Assistant Commissioner for Patents
Washington, D.C. 20231

SUBMISSION OF SEQUENCE LISTING
INCLUDING STATEMENT OF VERIFICATION

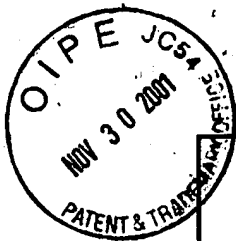
Sir:

Applicants hereby provide a substitute Computer Readable Form of the Sequence Listing as well as the Paper Copy thereof. The undersigned states that the Paper Copy and the Computer Readable Form, submitted in accordance with 37 CFR §1.821(c) and (e), respectively, are the same. The content of the sequence listing information recorded in the Computer Readable Form and Paper Copies includes no new matter.

Respectfully submitted,

Novartis Corporation
Patent and Trademark Dept.
564 Morris Avenue
Summit, NJ 07901-1027
(908) 522-6938
Date: November 30, 2001

Susan Hess
Susan Hess
Attorney for Applicants
Reg. No. 37,350



12-03-01

Case 4-31499A

FILING BY "EXPRESS MAIL" UNDER 37 CFR 1.10

ELP20011579US
Express Mail Label Number

November 30, 2001
Date of Deposit

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Art Unit: 1651

BUEHLER ET AL.

APPLICATION NO: 09/899,634

FILED: JULY 5, 2001

FOR: PCAR AND ITS USES

Attention: Box Missing Parts
Assistant Commissioner for Patents
Washington, DC 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS

Sir:

The Notice to File Missing Parts of Application - Filing Date Granted dated October 3, 2001 (a copy of which is enclosed) has a shortened statutory time set to expire on December 3, 2001.

In response, applicants now submit an original or copy of a fully executed Declaration and Power of Attorney. Please charge the \$130 surcharge fee under 37 CFR §1.16(e) to Deposit Account No. 19-0134 in the name of Novartis Corporation.

Also enclosed is a nucleotide and/or amino acid sequence submission, including a substitute computer readable copy, a substitute paper copy and a Statement Verifying Identity of Above Copies. Applicants have corrected errors detected (errors 10 and 11 in the Error Summary of the Notice to File Missing Parts) in the originally filed computer readable form (CRF) of the Sequence Listing. With respect to the errors in the originally filed CRF, applicants note that SEQ ID NOS: 1-4 were inadvertently described with respect to Numeric Identifier 213 of the Sequence Listing as "Artificial/Unknown Sequence." Applicants have corrected this minor error (error 10) in Numeric Identifier 213 of the Sequence Listing to indicate that SEQ ID NOS: 1-4 are derived from the organism "porcine" (as described in the specification at page 7, Example 1). Since the corrected/substitute Sequence Listing no longer indicates "Artificial Sequence/Unknown" for


Numeric Identifier 213, there is no requirement to describe Numeric Identifiers 220 to 223 (error 11).
No new matter is included in the substitute CRF and paper copies of the Sequence Listing.

The Commissioner is hereby authorized to charge any additional fees under 37 CFR §1.17 which may be required, or credit any overpayment, to Account No. 19-0134 in the name of Novartis Corporation.

A duplicate copy of this letter is provided for charging purposes.

Respectfully submitted,

Novartis Corporation
Patent and Trademark Dept.
564 Morris Avenue
Summit, NJ 07901-1027
(908) 522-6938
Date: November 30, 2001



Susan Hess
Attorney for Applicants
Reg. No. 37,350